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# NASA Procedural Requirements

**COMPLIANCE IS MANDATORY****NPR 2810.1A**Effective Date: May  
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Request Notification of Change

(NASA Only)

**Subject: Security of Information Technology****Responsible Office: Office of the Chief Information Officer**

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## Chapter 10 Products and Services

### 10.1 Acquisition of Products and Services

10.1.1 NASA shall follow the guidance provided in NIST SP 800-35, Guide to IT Security Services, and NIST SP 800-36, Guide to Selecting Information Security Products.

10.1.2 NASA relies heavily on vendor-provided IT products and services, as well as, cooperative agreements and grants. It is critical that NASA incorporate Federal and NASA IT security policies and requirements to safeguard the information and information systems in the acquisition of products and services and the awarding of contracts, grants, and cooperative agreements. Management is required to understand the risk and ramifications associated with the purchasing of products and services and the awarding of contracts, grants, and cooperative agreements.

10.1.3 Once a NASA organization has determined the requirements for a system, it needs to evaluate how to acquire the products and/or services necessary to support that system. NASA can choose to use internal resources including people and existing hardware and software in support of the system or application. However, if these resources do not already exist, NASA management will consider the acquisition of products that have already been evaluated and tested and must understand the full life cycle associated with the acquisition of contracted services in support of that system or application.

10.1.4 NASA management will work with Procurement to develop support service contracts and grants that are flexible enough to ensure that additional IT security requirements are incorporated quickly and efficiently as required by law and by NASA.

## **10.2 Acquisition Process Requirements**

The Procurement Officer and the CIO shall establish procedures to ensure that IT security requirements are incorporated into contracts, grants, and agreements as appropriate. (See Chapter 4, Contracts, Grants, and Agreements)

## **10.3 Selection of Services Requirements**

10.3.1 The selection of IT services shall include:

- a. The careful evaluation of options and risks before the selection of resources that will be entrusted to meet NASA's particular IT security program requirements.
- b. Consideration of all aspects of the acquisition, implementation, and management of IT services throughout the system's life cycle when they select, implement, or manage IT security services as defined in NIST SP 800-35, Guide to IT Security Services.
- c. Services that meet or exceed IT security expectations.

## **10.4 Selection of Products Requirements**

10.4.1 The selection of IT products shall:

- a. Consider the threat/risk environment, cost-effectiveness, assurance level, and security functional specifications as appropriate.
- b. Ensure that contracts, grants, and agreements address, as a minimum, the security requirements for the purchase of Commercial-Off-The-Shelf (COTS) products, purchase of integrated systems, development of applications, and other IT security-related services. (See Chapter 4, Contracts, Grants, and Agreements.)
- c. Acquire products that comply with the NIST FIPS as appropriate.
- d. Consider all aspects of the acquisition, implementation, and management of IT products as defined in NIST SP 800-36, Guide to Selecting Information Technology Security Products.

## **10.5 Additional Products and Services References**

- a. NIST SP 800-35, Guide to IT Security Services.
- b. NIST SP 800-36, Guide to Selecting Information Security Products.
- c. NIST SP 800-64, Security Considerations in the Information System Development Life Cycle.

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